6446

ENTERED

1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/509,482A

DATE: 11/06/2002
TIME: 14:47:45

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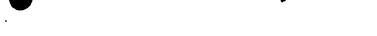
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 4 <110> APPLICANT: Crofts, Linda Anne
 5        Hancock, Manuela S.
 6        Morrison, Nigel A.
 7        Eisman, John A.
 9 <120> TITLE OF INVENTION: Isoforms of the Human Vitamin D Receptor
12 <130> FILE REFERENCE: RICE-014
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15 <141> CURRENT FILING DATE: 2000-09-15
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18 <151> PRIOR FILING DATE: 1998-09-29
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107 cttccctgcc tgaccctgga gactttgacc ggaacgtgcc ccggatctgt ggggtgtgtg    180
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110 tttccatgaa gggagccctt gcatttttca catctccttc cttacaatgt ccatggaaca    360
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128 cctgctctat gccaagatga tccagaagct agccgacctg cgcagcctca atgaggagca    1440
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207 Pro His Arg Arg Ala Pro Leu Gly Ser Thr Tyr Leu Pro Pro Ala Pro
208         35                  40                  45
209 Ser Gly Met Glu Ala Met Ala Ala Ser Thr Ser Leu Pro Asp Pro Gly
210     50                  55                  60
211 Asp Phe Asp Arg Asn Val Pro Arg Ile Cys Gly Val Cys Gly Asp Arg
212 65                  70                  75                  80
213 Ala Thr Gly Phe His Phe Asn Ala Met Thr Cys Glu Gly Cys Lys Gly
214             85                  90                  95
215 Phe Phe Arg Arg Ser Met Lys Arg Lys Ala Leu Phe Thr Cys Pro Phe
216             100                 105                 110
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218             115                 120                 125
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224             165                 170                 175
225 Glu Gln Gln Arg Ile Ile Ala Ile Leu Leu Asp Ala His His Lys Thr
226             180                 185                 190
227 Tyr Asp Pro Thr Tyr Ser Asp Phe Cys Gln Phe Arg Pro Pro Val Arg
228         195                 200                 205
229 Val Asn Asp Gly Gly Gly Ser His Pro Ser Arg Pro Asn Ser Arg His
230         210                 215                 220
231 Thr Pro Ser Phe Ser Gly Asp Ser Ser Ser Ser Cys Ser Asp His Cys
232 225                 230                 235                 240
233 Ile Thr Ser Ser Asp Met Met Asp Ser Ser Ser Phe Ser Asn Leu Asp
234             245                 250                 255
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236             260                 265                 270
237 Gln Leu Ser Met Leu Pro His Leu Ala Asp Leu Val Ser Tyr Ser Ile
238         275                 280                 285
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240         290                 295                 300
241 Thr Ser Glu Asp Gln Ile Val Leu Leu Lys Ser Ser Ala Ile Glu Val
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246         340                 345                 350
247 Ala Gly His Ser Leu Glu Leu Ile Glu Pro Leu Ile Lys Phe Gln Val
248         355                 360                 365
249 Gly Leu Lys Lys Leu Asn Leu His Glu Glu Glu His Val Leu Leu Met
250     370                 375                 380
251 Ala Ile Cys Ile Val Ser Pro Asp Arg Pro Gly Val Gln Asp Ala Ala
252 385                 390                 395                 400
253 Leu Ile Glu Ala Ile Gln Asp Arg Leu Ser Asn Thr Leu Gln Thr Tyr
254             405                 410                 415
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256         420                 425                 430
257 Met Ile Gln Lys Leu Ala Asp Leu Arg Ser Leu Asn Glu Glu His Ser
258         435                 440                 445
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VERIFICATION SUMMARY   DATE: 11/06/2002
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